

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2383 - L2 Version 5
Chandra X-Ray Center

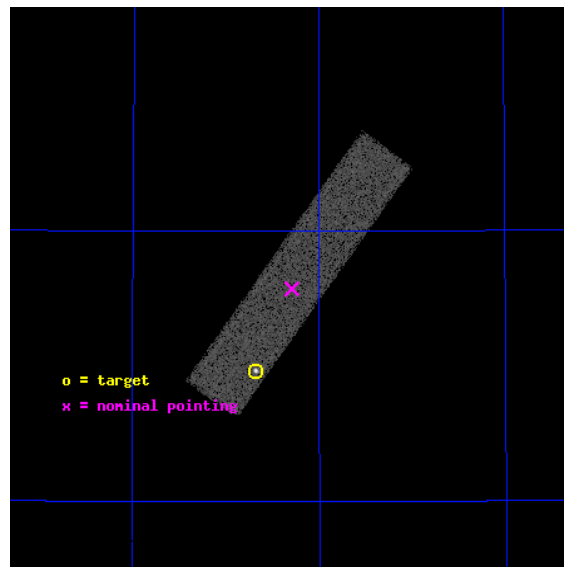
L2 Processing Date : Sep 4 2012

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1 Front

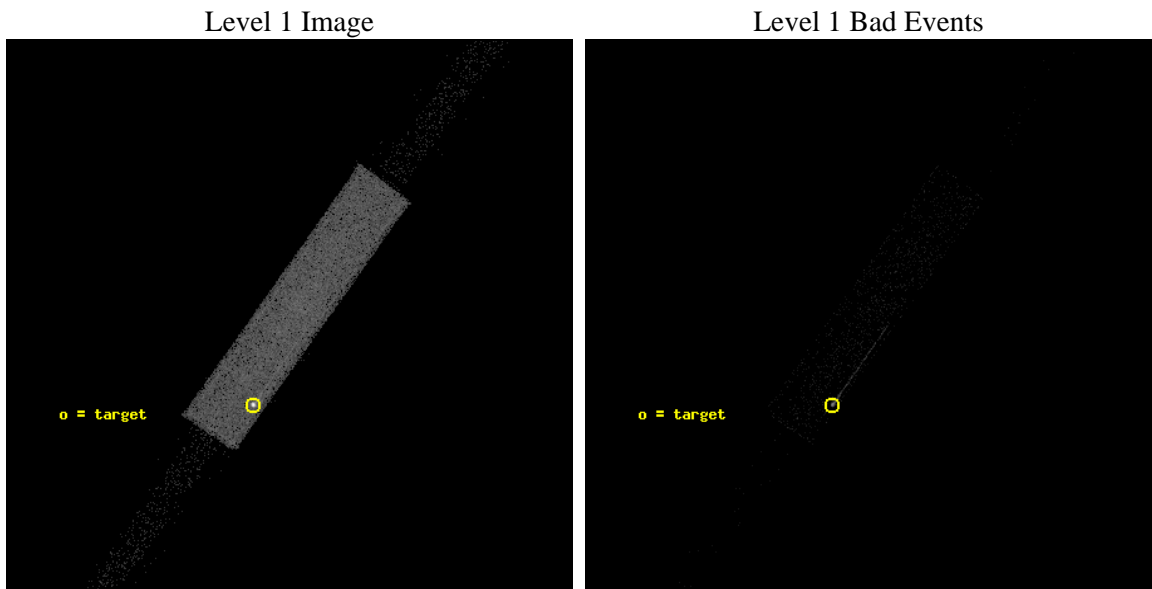
seq_num	290129	Sequence number
obs_id	2383	Observation id
title	HRC-I CALIBRATION OBSERVATIONS OF ARLAC	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ARLAC,HRC-S,AO2	Source name
ra_targ	332.17	Observer's specified target RA [deg]
dec_targ	45.742306	Observer's specified target Dec [deg]
ra_nom	332.07354728007	Nominal RA [deg]
dec_nom	45.893489518775	Nominal Dec [deg]
roll_nom	305.42171723467	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1142.1062936932	[s]
livetime	1136.8816843902	Ontime multiplied by DTCOR
l2events	34619	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1142.1062936932	[s]
caldsver	4.5.1.1	 	l1events	59374	Number of level 1 events
date	2012-09-05T01:37:01	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

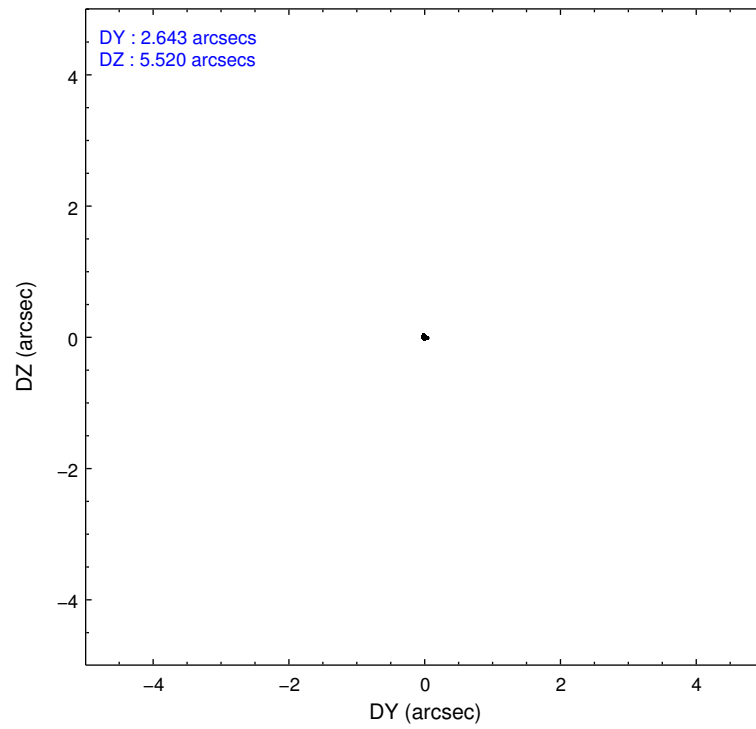
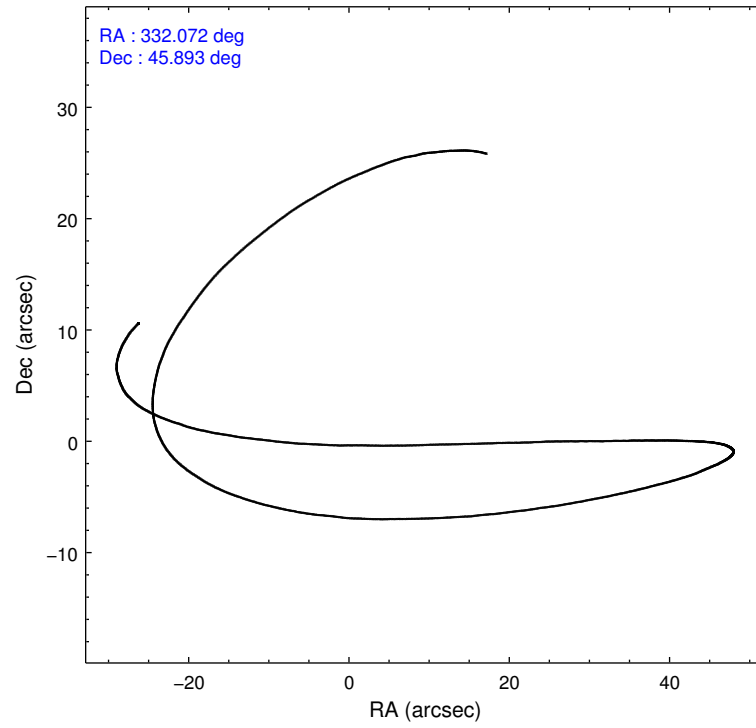
	segment 1	segment 2	segment 3
level 1 events	969	57405	1000
rejected events	969	13467	1000
rejected %	100%	23%	100%

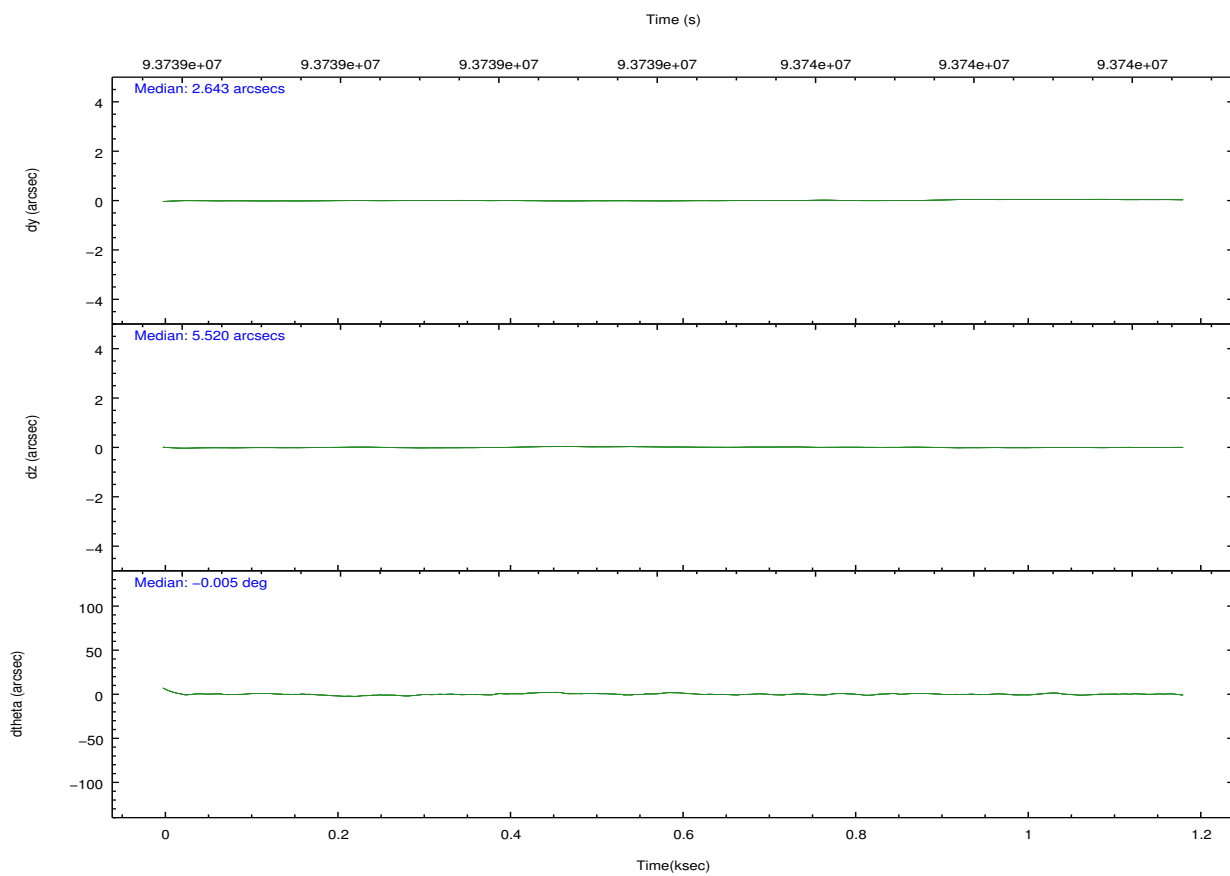
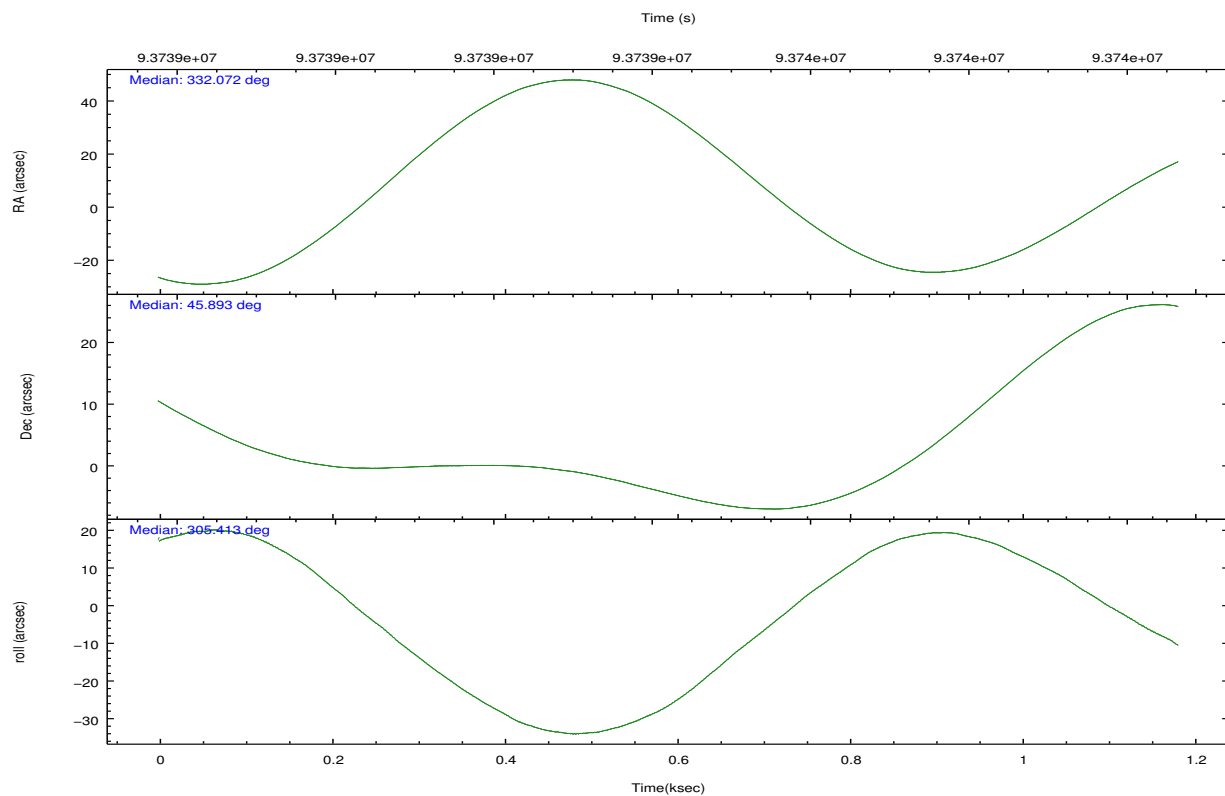
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	332.036316	332.0735472800681
[deg] Pointing Dec	45.904256	45.89348951877451
[deg] Pointing Roll	305.381147	305.4217172346697
[mm] SIM focus pos	-1.429586	-1.428180813131781
[mm] SIM defocus	0.1037507710433287	0.1051558262725154
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	93739012.184000	93738635.852182
Observation start date	2000-12-20T22:35:48	2000-12-20T22:30:35
[s] Observation end time (MET)	93740012.184000	93740146.18974
Observation end date	2000-12-20T22:52:28	2000-12-20T22:55:46

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



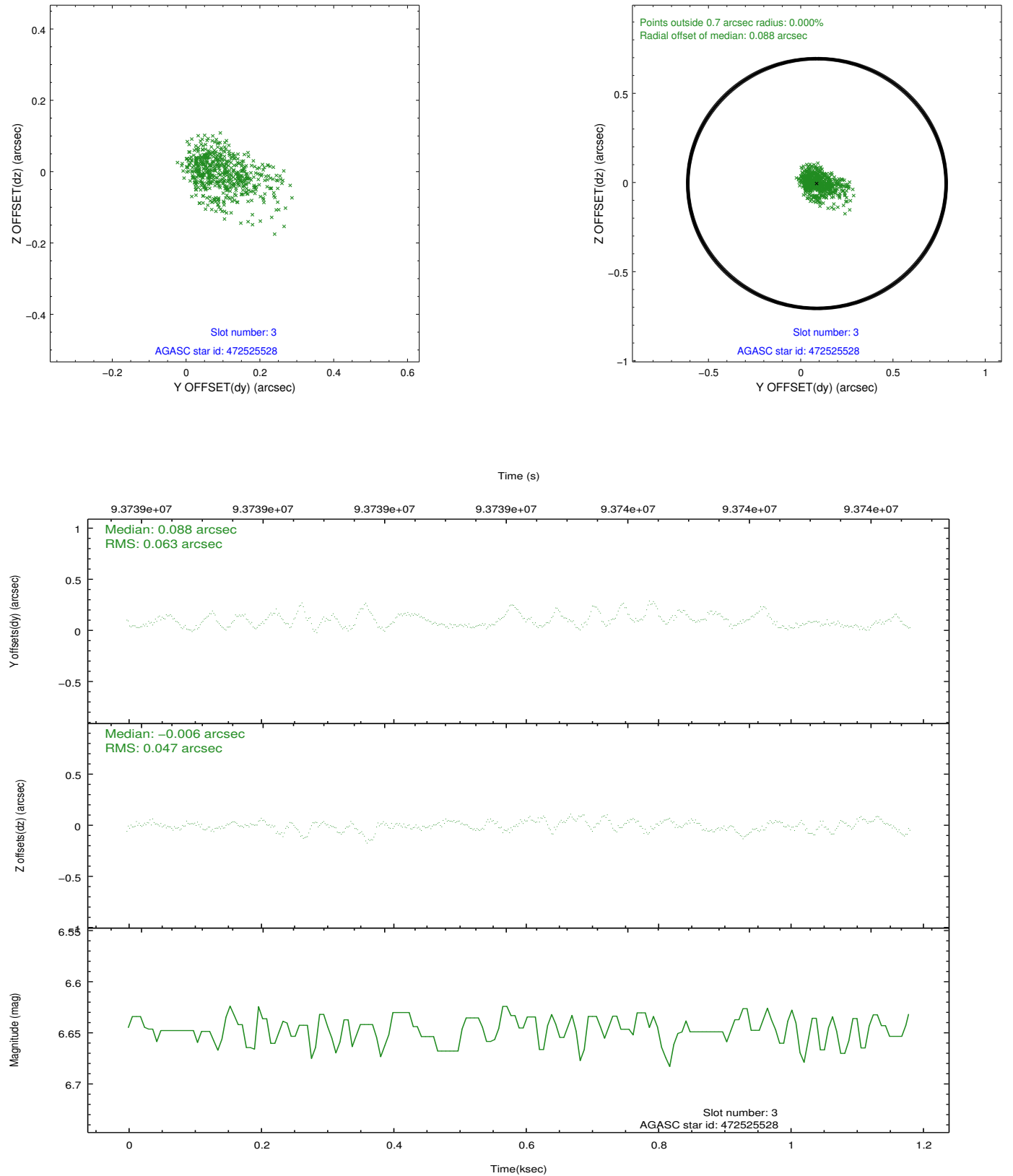


Slot Statistics

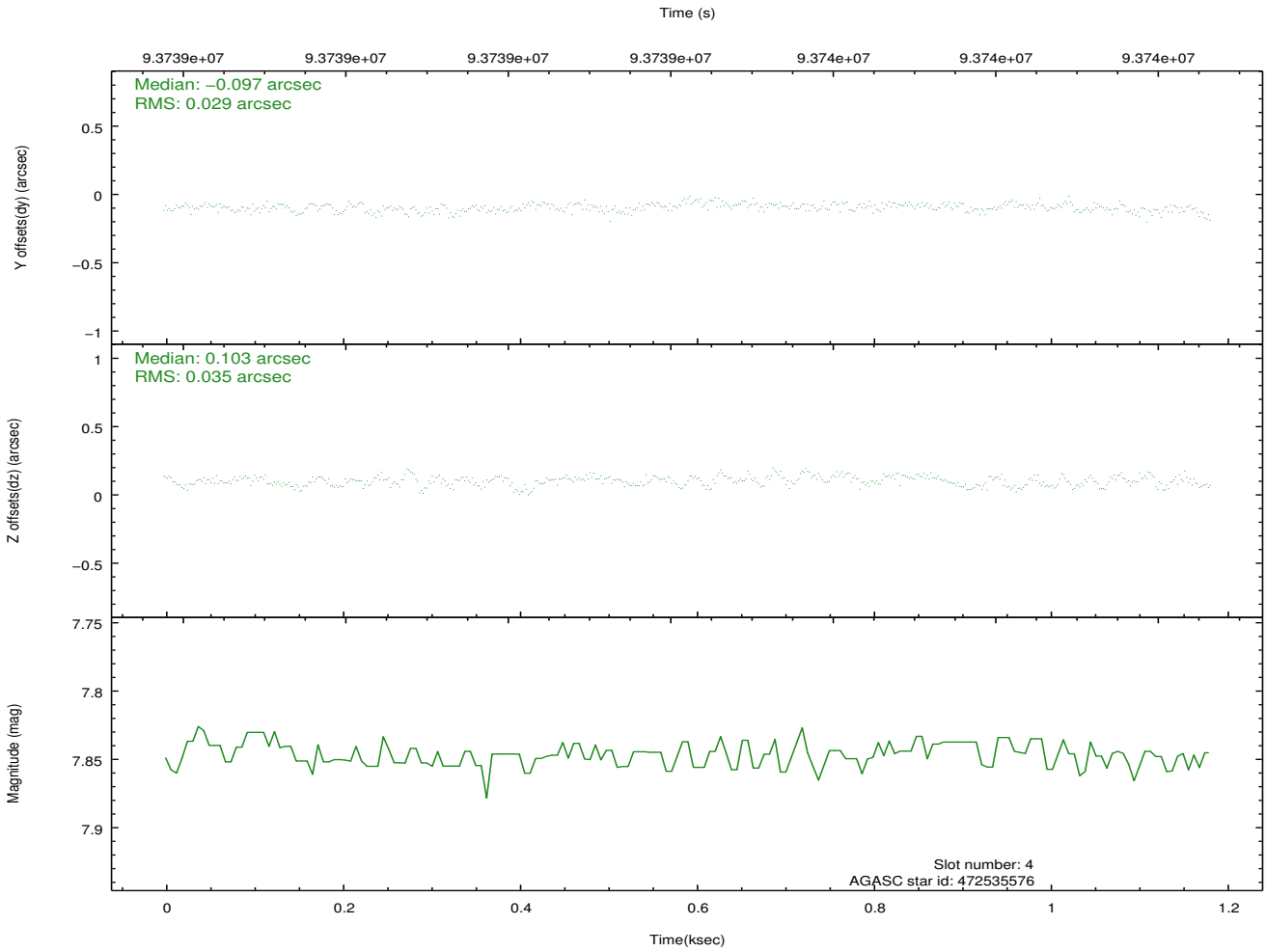
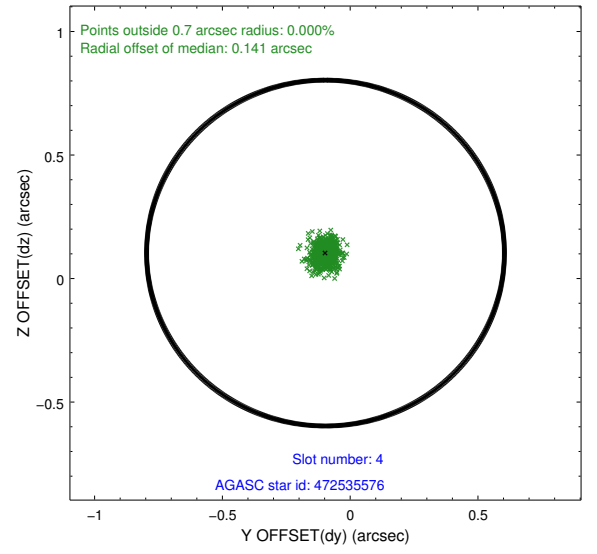
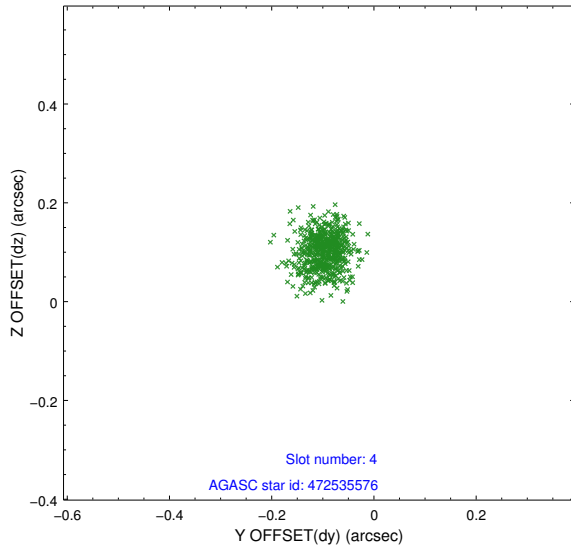
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.97	289	0.136	-0.105	0.007	0.013	0.000000	0.000000	-1156.67	-454.03
1	FID	HRC-S-2	6.97	289	0.125	-0.158	0.009	0.014	0.000000	0.000000	1238.99	-448.25
2	FID	HRC-S-4	6.92	289	0.142	-0.040	0.008	0.014	0.000000	0.000000	1245.86	576.62
3	GUIDE	472525528	6.65	578	0.088	-0.006	0.077	0.148	331.551102	45.248694	1211.26	-2365.34
4	GUIDE	472535576	7.85	578	-0.097	0.103	0.049	0.081	331.438373	46.291802	-1999.58	-404.52
5	GUIDE	472523760	8.23	578	0.021	-0.122	0.061	0.101	331.645363	45.403260	894.90	-1847.78
6	GUIDE	472665256	9.01	578	-0.098	-0.062	0.084	0.138	332.808125	46.195041	255.24	2177.89
7	GUIDE	472659832	9.46	577	0.081	0.079	0.113	0.186	332.780399	46.098139	501.16	1929.04

2.4 Star Slots

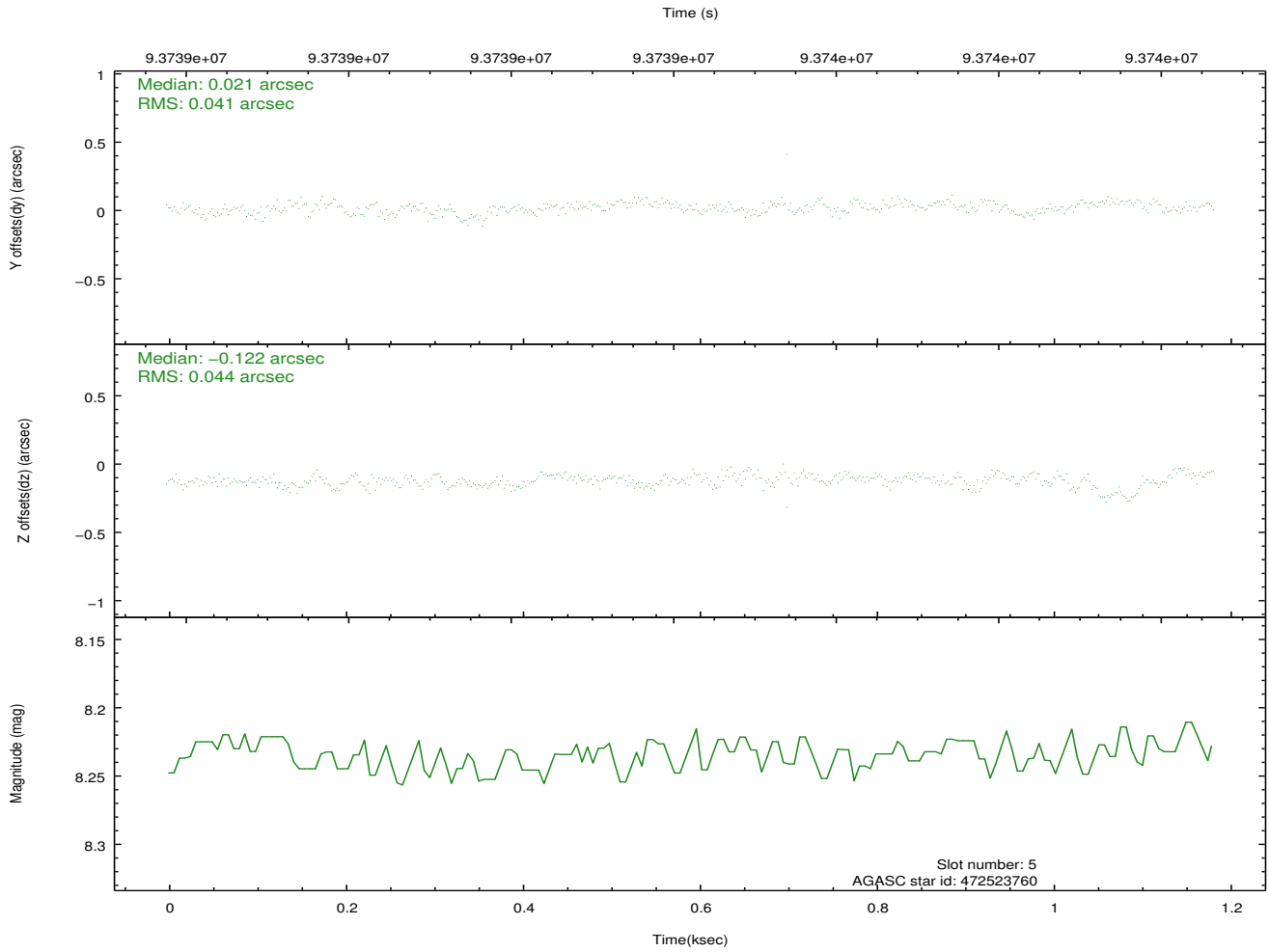
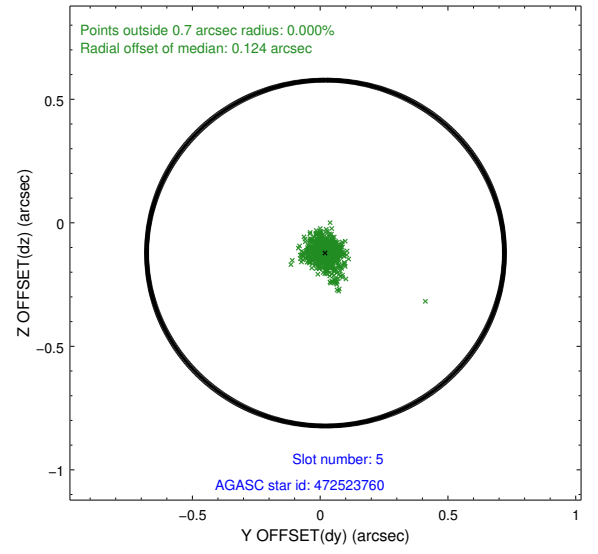
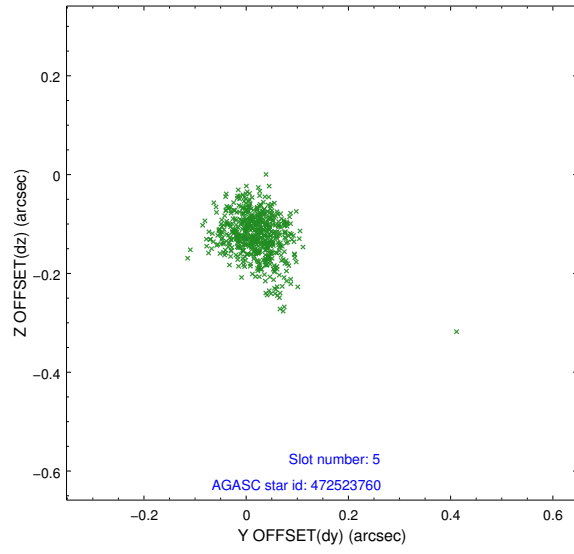
2.4.1 Slot 3



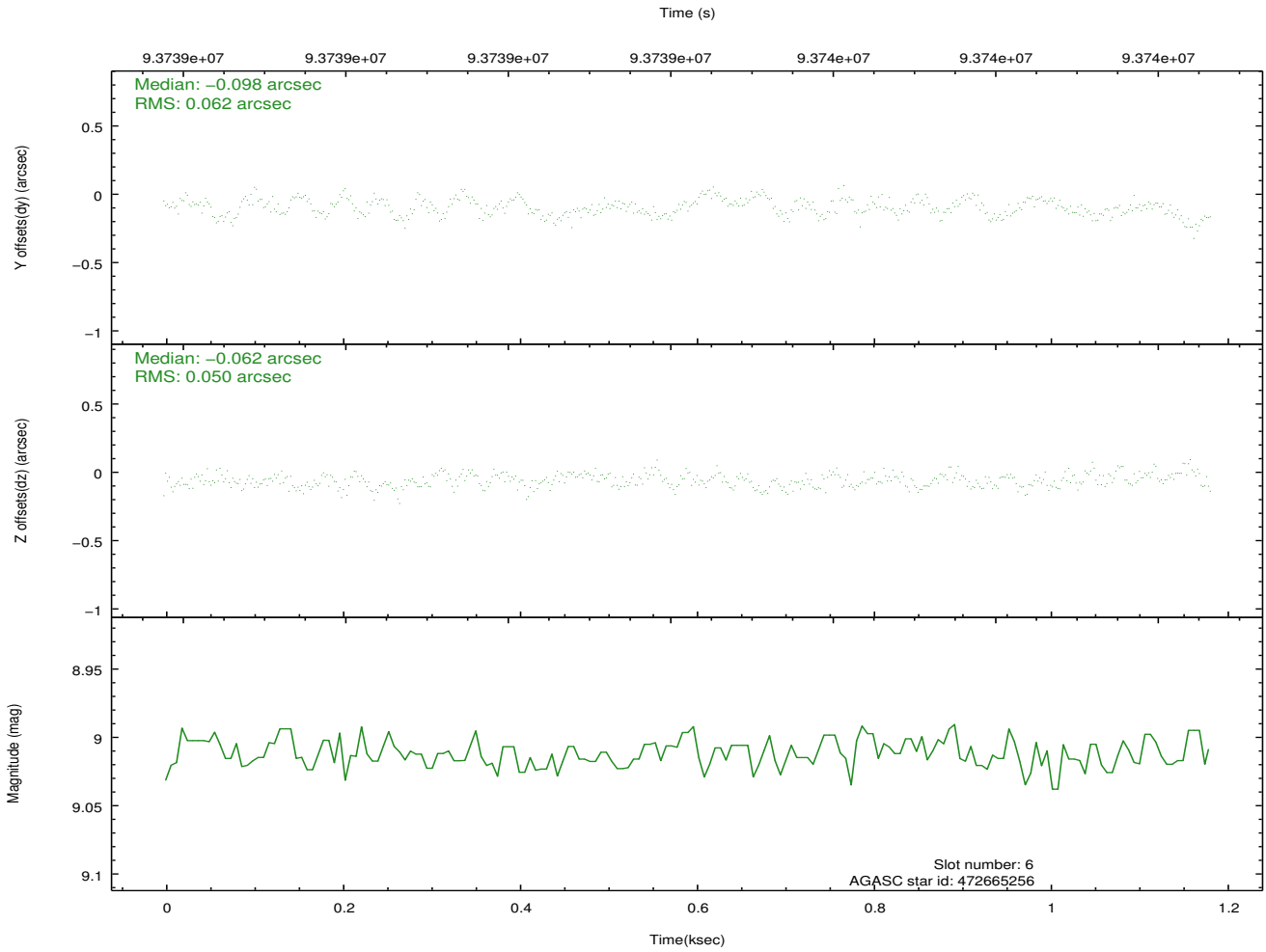
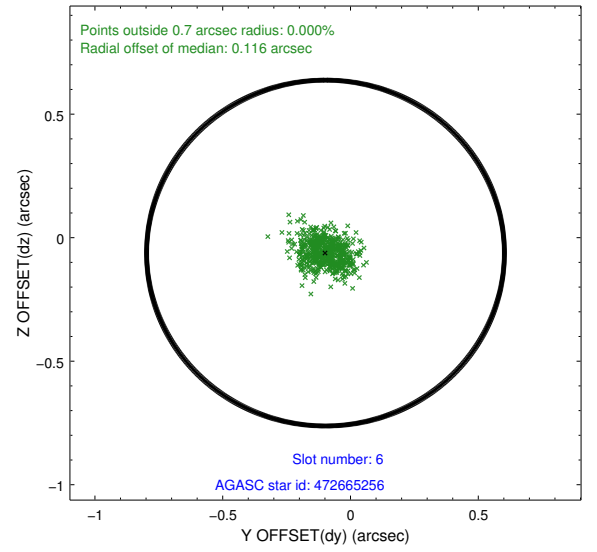
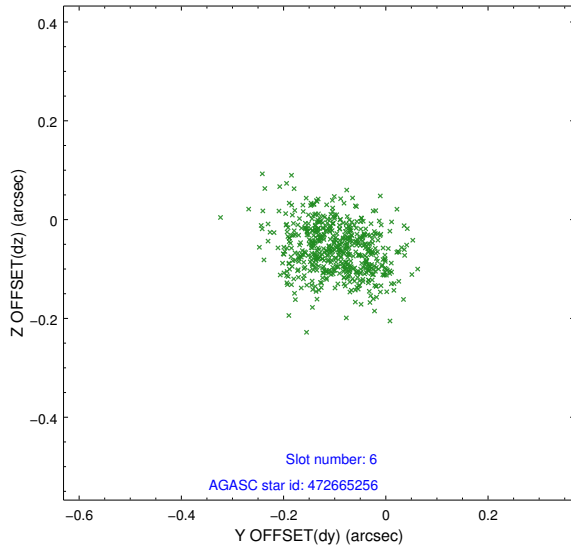
2.4.2 Slot 4



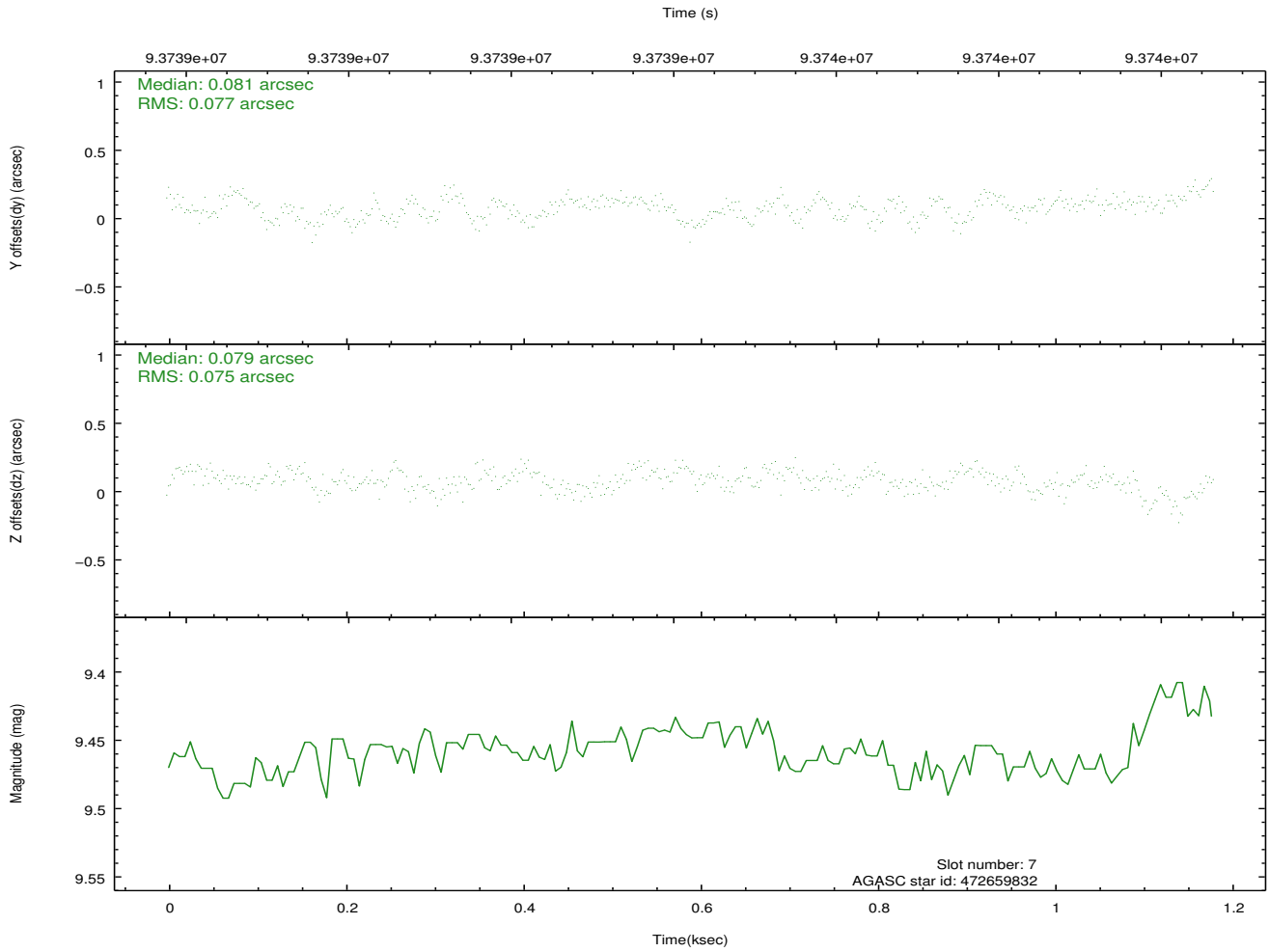
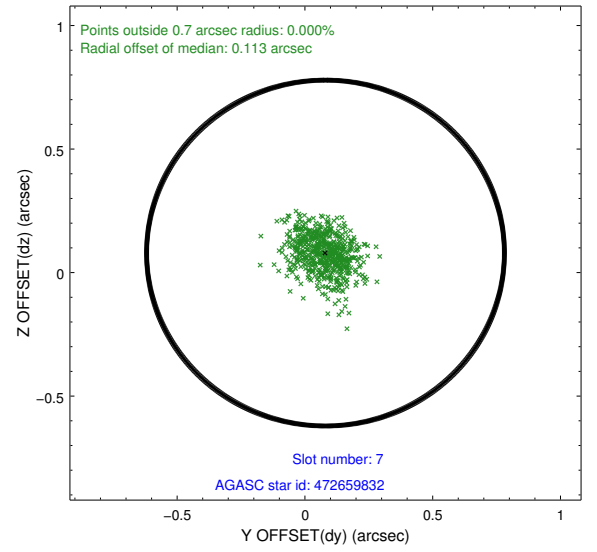
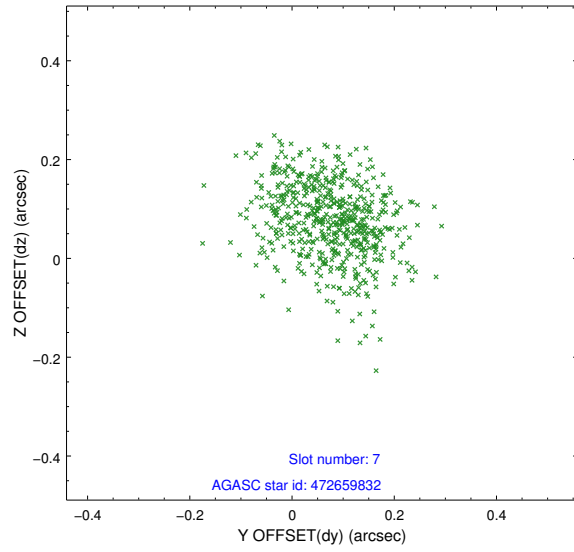
2.4.3 Slot 5



2.4.4 Slot 6

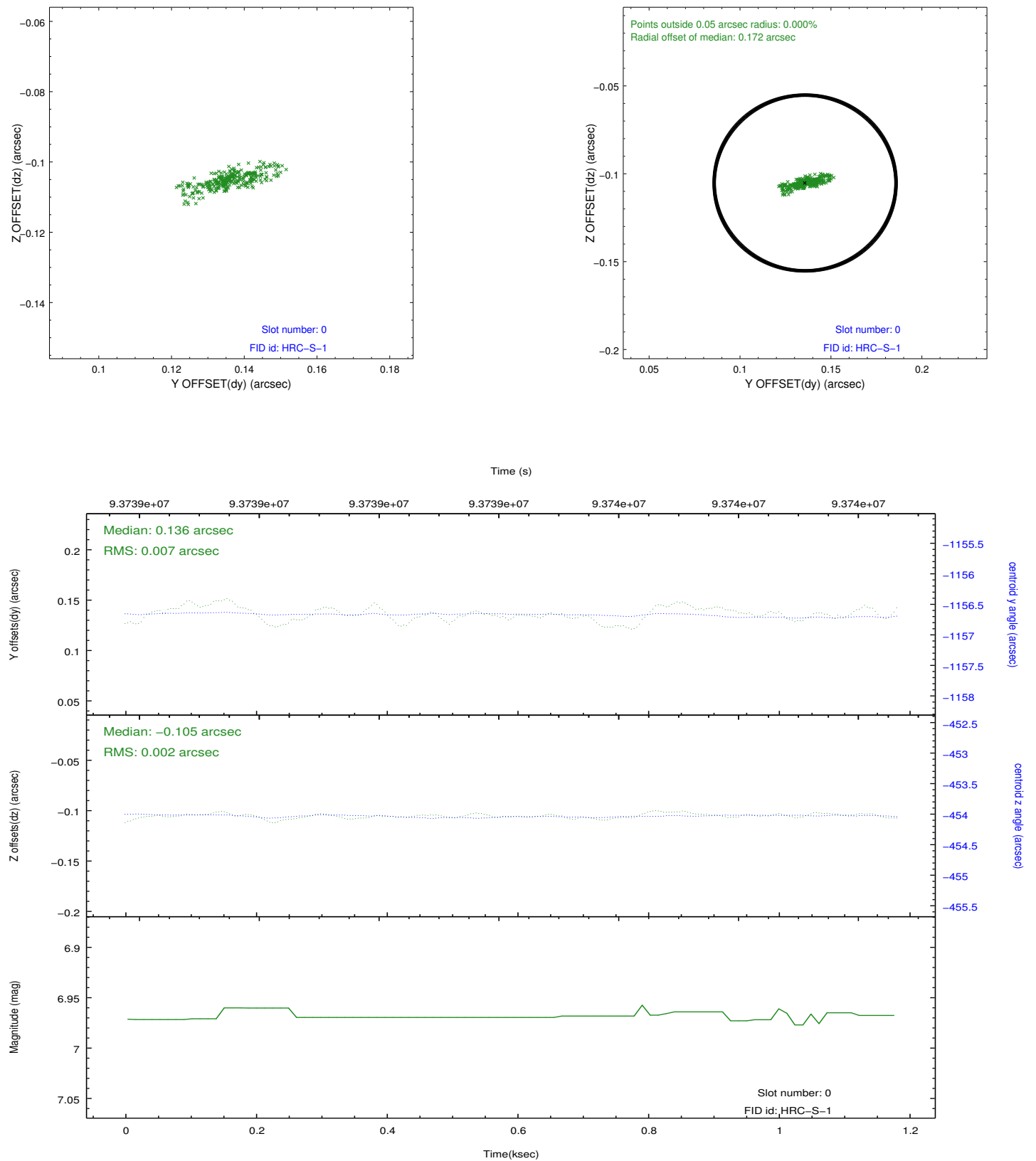


2.4.5 Slot 7

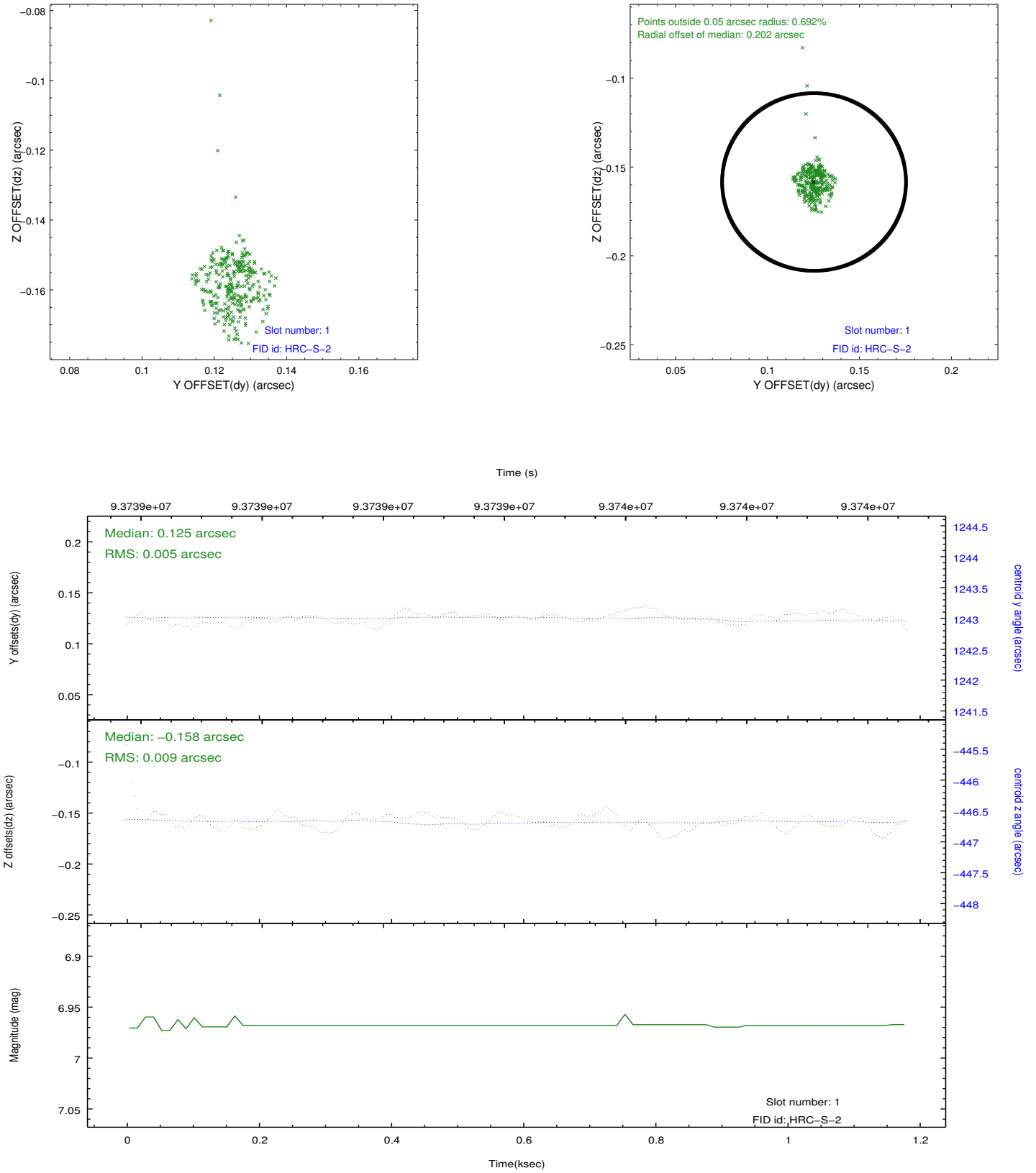


2.5 FID Slots

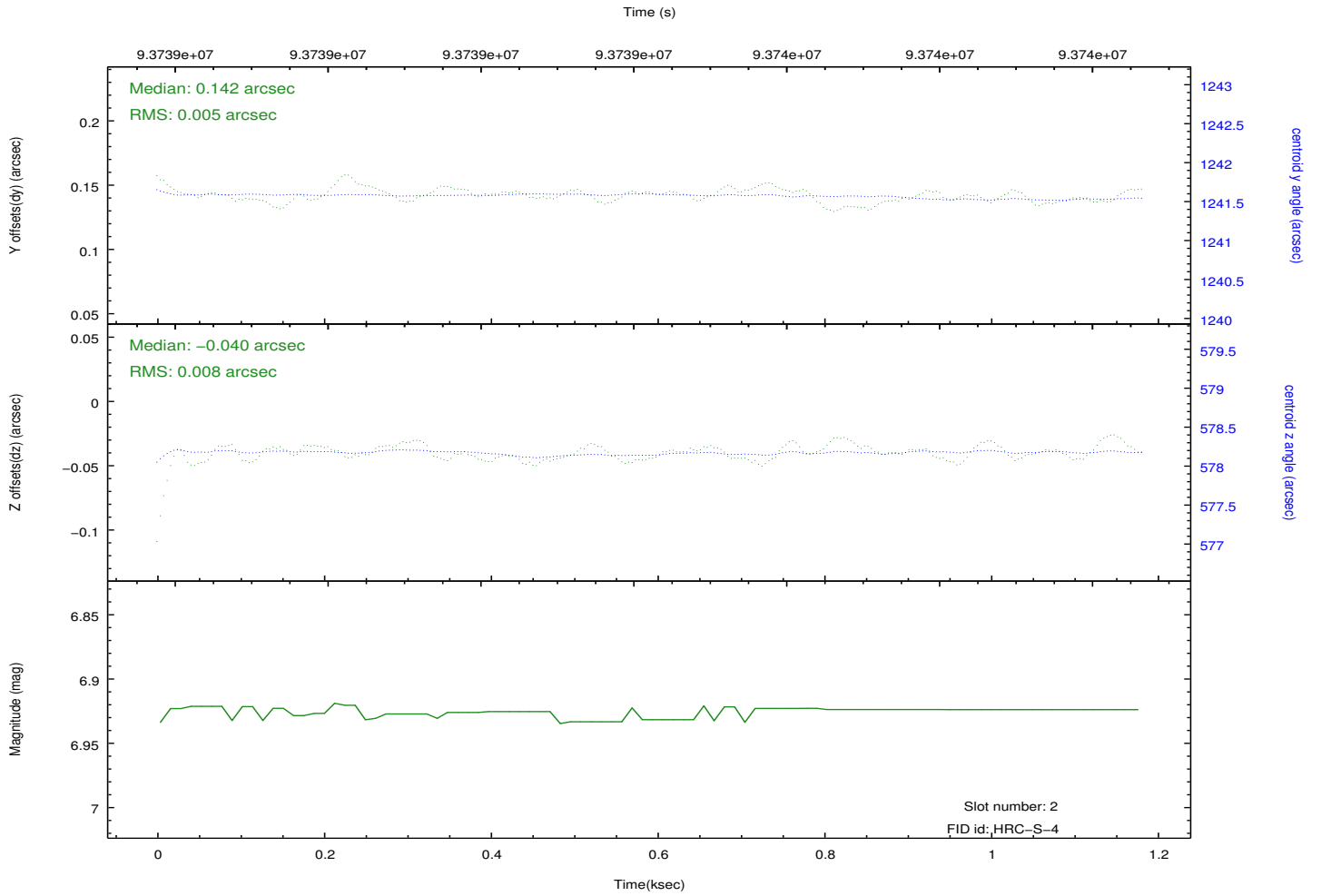
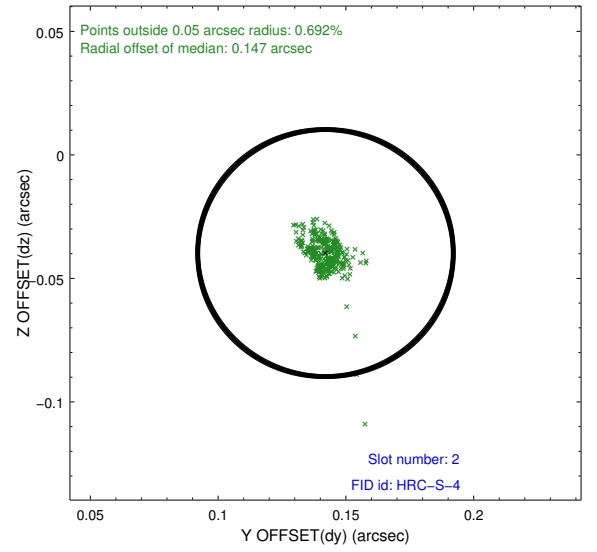
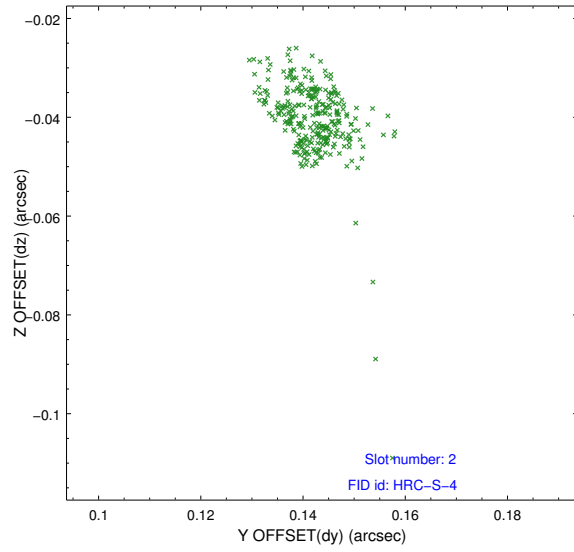
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.182

A.2 Comments

Charge time for this ObsId remains at previous value of 1.182 ks, although with the current processing the charge time would have been 1.14 ksec.